

IN THE ABSTRACT

Please amend the Abstract of the Disclosure as shown below.

~~According to the present invention, there is provided an~~ An embedded system and method for performing a background code update of a current code image with an incoming code image ~~in an embedded system is provided. [,] [t]~~ The method includes comprising the steps of: executing the current code image in the embedded system; executing one or more code update routines from the incoming code image to update the current code image with the incoming code image; and executing a task switching function from the current code image to switch microprocessor control from executing the one or more code update routines of the incoming image to execute a function in the current code image. The system and method also involves ~~may further provide for~~ retrieving an offset from the incoming code image for the one or more code update routines in the incoming code image. The system and method further involves ~~may further provide for~~ retrieving an offset from the current code image of a task switching function. ~~Additionally, the embedded system may form a part of a larger system, preferably a storage automation library.~~